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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Application Number | Unassigned |
| Filing Date | Herewith |
| First Named Inventor | McLonologue, Lisa C., et. al. |
| Art Unit | 1632 |
| Examiner Name | Crouch, D. |
| Attorney Docket Number | 015270-012100US |

U.S. PATENT DOCUMENTS

Examiner
Signature

Deborah Conrad

**Date
Considered**

10-3-05

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| Page | 2 | of | 14 |
| | | Attorney Docket Number | 015270-012100US |

FOREIGN PATENT DOCUMENTS

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| Examiner Signature | Deborah Conch | Date Considered | 10/3/05 |
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| <i>de</i> | BT | "Alzheimer's Assult," <i>ScienceScope</i> , pg. 1059 (2/28/92). | | |
| | BU | Abraham et al., "A calcium-activated protease from Alzheimer's disease brain cleaves at the N-terminus of the amyloid β -protein" <i>Biochem. Biophys. Res. Comm.</i> , 174:790-796 (1991). | | |
| | BV | Ali et al., "More Transgenic Mouse Studies of Alzheimer Amyloid Precursor (APP) Proteins and Derivatives," <i>Society for Neuroscience Abstracts</i> , 18(2):abstract 616.8, from 22nd annual meeting in Anaheim, CA 10/25-30/92. | | |
| | BW | Allison et al., "Diabetes in transgenic mice resulting from over-expression of class I histocompatibility molecules in pancreatic β cells," <i>Nature</i> , 333:529-533 (1988). | | |
| | BX | Antal et al., "Animal Models of Alzheimer's, Parkinson's and Huntington's Disease. A Minireview," <i>Neurobiology</i> , 1(2):101-122 (1993). | | |
| | BY | BONADIO et al., "Transgenic Mouse Model of the Mild Dominant Form of Osteogenesis Imperfecta," <i>PNAS</i> , 87:7145-7149 (1990). | | |
| | BZ | BUXBAUM et al., "Expression of APP in Brains of Transgenic Mice Containing the Entire Human App," <i>Gene</i> , 197(2):639-645 (1993). | | |
| | BAA | Cai et al., "Release of excess amyloid beta protein from a mutant amyloid beta protein precursor" <i>Science</i> 259:514-516 (Jan. 22, 1993). | | |
| | CA | Cai et al., "Release of Excess Amyloid β Protein Precursor." <i>Science</i> , 259:514-516 (1993). | | |
| | CB | Ceballos-Picot et al., "Neuronal-specific expression of human copper-zinc superoxide dismutase gene in transgenic mice: animal model of gene dosage effects in Down's syndrome," <i>Brain Research</i> , 552:198-214 (1991). | | |
| | CC | Chartier-Harlan et al., "Early onset Alzheimer's disease caused by mutations at codon 717 of the β -amyloid precursor protein gene" <i>Nature</i> , 353:844-846 (1991). | | |
| | CD | Citron et al., "Mutation of the beta-amyloid precursor protein in familial Alzheimer's Disease increases beta-protein production" <i>Nature</i> , 360:672-674 (Dec. 17, 1992). | | |
| <i>de</i> | CE | Citron et al., "Mutation of the β -amyloid precursor protein in familial Alzheimer's disease increases β -protein production," <i>Nature</i> , 360:672-674 (1992). | | |

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| <i>de</i> | CF | Cotton, R.G.H., "A G to C Transversion in Codon 258 of the α -Subunit of β -Hexosaminidase A in an Infant Tay-sachs Disease Patient," <i>Human Mutation</i> , 2:496-497 (1993). | | |
| | CG | Crawford et al., "Alzheimer's Disease Untangled," <i>BioEssays</i> , 14(11):727-734 (1992). | | |
| | CH | De Strooper et al., "Study of the Synthesis and Secretion of Normal and Artificial Mutants of Murine Amyloid Precursor Protein (APP): Cleavage of APP Occurs in a Late Compartment of the Default Secretion Pathway," <i>J. Cell Biology</i> , 121(2):295-304 (1993). | | |
| | CI | Dovey et al., "Cells with a familial Alzheimer's disease mutation produce authentic β -peptide," <i>NeuroReport</i> , 4:1039-1042 (1993). | | |
| | CJ | Epstein et al., "Transgenic mice with increased Cu/Zn-superoxide dismutase activity: Animal model of dosage effects in Down syndrome," <i>PNAS</i> , 84:8044-8048 (1987). | | |
| | CK | Erickson, D., "Model Mice, Transgenic animals aid Alzheimer's research," <i>Scientific American</i> , September 1991. | | |
| | CL | Esch et al., "Cleavage of amyloid β peptide during constitutive processing of its precursor" <i>Science</i> , 248:1122-1124 (1990). | | |
| | CM | Estus et al., "Potentially amyloidogenic, carboxyl-terminal derivatives of the amyloid protein precursor" <i>Science</i> , 255:726-728 (1992). | | |
| | CN | Felsenstein et al., "Transgenic Rat and In-Vitro Studies of β -Amyloid Precursor Protein Processing," pgs. 401-409 from <i>Alzheimer's and Parkinson's Disease</i> , edited by Hanin, I., Plenum Press, New York, (1995). | | |
| | CO | Fidani et al., "Screening for mutations in the open reading frame and promoter of the β -amyloid precursor protein gene in familial Alzheimer's disease: identification of a further family with APP717 Val \rightarrow 11e," <i>Human Molecular Genetics</i> , 1(3):165-168 (1992). | | |
| | CP | Fisher et al., "Expression of the amyloid precursor protein gene in mouse oocytes and embryos," <i>PNAS</i> , 88:1779-1782 (1991). | | |
| | CQ | Forss-Petter et al., "Transgenic mice expressing β -galactosidase in mature neurons under neuron-specific enolase promoter control" <i>Neuron</i> , 5:187-197 (1990). | | |
| <i>de</i> | CR | Francis et al., "Animal and Drug Modelling for Alzheimer Synaptic Pathology," <i>Progress in Neurobiology</i> , 39:517-545 (1992). | | |

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| Examiner Signature | <i>Deborah Arends</i> | Date Considered | <i>10/31/05</i> |
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| de | CS | Fraser et al., "Biochemistry of Alzheimer's Disease Amyloid Plaques," <i>Clin. Biochem.</i> , 26:339-349 (1993). | |
| | CT | FUKAMIZU et al., "Chimeric Renin-angiotensin System Demonstrates Sustained Increase in Blood Pressure of Transgenic Mice Carrying Both Human Renin and Human Angiotensinogen Genes," <i>Journal of Biological Chemistry</i> , 268(16):11617-11621 (1993). | |
| | CU | Fukuchi et al., "Intestinal β -Amyloidosis in Transgenic Mice," abstract 421.16, <i>Society for Neuroscience Abstracts</i> , 19:1035 (1993). | |
| | CV | Fukuchi et al., "Transgenic Animal Models for Alzheimer's Disease," <i>Annals of the New York Academy of Sciences</i> , 695:217-223 (1993). | |
| | CW | Fuminori et al., "Transgenic mice for the amyloid precursor protein 695 isoform have impaired spatial memory," <i>NeuroReport</i> , 2:781-784 (1991). | |
| | CX | Gallagher et al., "Animal models of normal aging: relationship between cognitive decline and markers in hippocampal circuitry," <i>Behavioural Brain Research</i> , 57:155-162 (1993). | |
| | CY | GANDY et al., "Amyloidogenesis in Alzheimer's Disease: Some Possible Therapeutic Opportunities," <i>Trends in Pharmacological Sciences</i> , 13:108-113 (1992). | |
| | CZ | <i>Gene Targeting A Practical Approach</i> , edited by Joyner, A.L., Oxford Univ. Press (1993) cover page & table of contents. | |
| | DA | Glenner et al. "Alzheimer's disease: Initial report of the purification and characterization of a novel cerebrovascular amyloid protein" <i>Biochem. Biophys. Res. Comm.</i> , 120:885-890 (1984). | |
| | DB | Glenner et al., "Alzheimer's disease and Down's Syndrome: Sharing of unique cerebrovascular amyloid fibril protein" <i>Biochem. Biophys. Res. Comm.</i> , 122:1131-1135 (1984). | |
| | DC | Goate et al., "Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease" <i>Nature</i> , 349:704-706 (1991). | |
| | DD | Goding, James W., "Production and application of monoclonal antibodies in cell biology, biochemistry and immunology" in: <i>Monoclonal Antibodies: Principles and Practice</i> , Ch. 3, pp. 56-74, <i>Academic Press</i> , London (1984). | |
| de | DE | Golde et al., "Processing of the amyloid protein precursor to potentially amyloidogenic derivatives" <i>Science</i> , 255:728-730 (1992). | |

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| <i>de</i> | DF | Golde et al., "Production of Amyloid β Protein from Normal Amyloid β -Protein Precursor (BAPP) and the Mutated BAPPs Linked to Familial Alzheimer's Disease," from <i>Alzheimer's Disease Amyloid Precursors Proteins, Signal Transduction, and Neural Transplantation</i> , vol. 695, pgs. 103-108, by Annals of the New York Academy of Sciences (1993). | | | |
| | DG | Goldgaber et al., "Characterization and Chromosomal Localization of a cDNA Encoding Brain Amyloid of Alzheimer's Disease," <i>Science</i> , 235:877-880 (1987). | | | |
| | DH | Goverman et al., "Transgenic Mice That Express a Myelin basic Protein-Specific T Cell Receptor Develop Spontaneous Autoimmunity," <i>Cell</i> , 72:551-560 (1993). | | | |
| | DI | Greaves et al., "A transgenic mouse model of sickle cell disorder," <i>Nature</i> , 343:183-185 (1990). | | | |
| | DJ | Greenberg et al., "Transgenic Mouse Studies of Alzheimer Amyloid Precursor (APP) Proteins and Derivatives," <i>Society for Neuroscience Abstracts</i> , vol. 18 part2, abstract 616.7 (1992). | | | |
| | DK | Greenberg et al., "Yet More Transgenic Mouse Studies of Alzheimer Amyloid Precursor (APP)," <i>Soc. for Neurosci. Abstracts</i> , 19:1035, abst. 421.12 (1993). | | | |
| | DL | Haass et al., "Amyloid β -peptide is produced by cultured cells during normal metabolism" <i>Nature</i> , 359:322-325 (1992). | | | |
| | DM | Haass et al., "Cellular Processing of β -Amyloid Precursor Protein and the Genesis of Amyloid β -Peptide," <i>Cell</i> , 75:1039-1042 (1993). | | | |
| | DN | Hammer et al., "Partial correction of murine hereditary growth disorder by germ-line incorporation of a new gene," <i>Nature</i> , 311:65-67 (1984). | | | |
| | DO | Hardy et al., "The Alzheimer family of diseases: many etiologies, one pathogenesis?," <i>PNAS</i> , 94:2095-2097 (1997). | | | |
| | DP | Hardy, J., "Framing β -amyloid," <i>Nature Genetics</i> , 1:233-234 (1992). | | | |
| | DQ | HARRIS et al., "Transgenic Animals as Tools in Drug Development," <i>Agents & Actions</i> (38) Special Conference Issue, 1993. | | | |
| <i>de</i> | DR | Hendricks et al., "Presenile dementia and cerebral haemorrhage linked to a mutation at codon 692 of the β -amyloid precursor protein gene," <i>Nature Genetics</i> , 1:218-221 (1992). | | | |

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| <i>de</i> | DS | Higgins et al., "Transgenic mice expressing human β -APP751, but not mice expressing β -APP695, display early Alzheimer's disease-like histopathology" <i>Annals NY Acad. Sci.</i> , 695:224-227 (1993). | | | |
| | DT | Higgins et al., "Transgenic mouse brain histopathology resembles early Alzheimer's disease" <i>Ann. Neurol.</i> , 35:598-607 (1994). | | | |
| | DU | Hogan et al., <i>Manipulating the Mouse Embryo, A Laboratory Manual</i> , Cold Spring Harbor Laboratory, (1986) cover page and table of contents. | | | |
| | DV | Holtzman et al., "Molecular studies in Alzheimer's disease," <i>TIBS</i> , 16:140-144 (1991). | | | |
| | DW | Howland et al., "Neuron-Specific Expression of Human Beta-Amyloid Precursor Protein (APP) In Transgenic Mice," <i>Society for Neuroscience Abstracts</i> , 19:1035, abstract 421.13 (1993). | | | |
| | DX | Hsiao et al., "Spontaneous Neurodegeneration in Transgenic Mice with Mutant Prion Protein," <i>Science</i> , 250:1587-1590 (1990). | | | |
| | DY | Hyman et al., "Amyloid, dementia and Alzheimer's disease," <i>Curr. Opin. Neurology Neurosurgery</i> , 5:88-92 (1992). | | | |
| | DZ | Hyman et al., "Kunitz protease inhibitor-containing amyloid β -protein precursor immunoreactivity in Alzheimer's disease" <i>J. Neuropath. Exp. Neurol.</i> , 51:76-83 (1992). | | | |
| | EA | Iwamoto et al., "Neuroblastoma in a transgenic mouse carrying a metallothionein/ <i>ret</i> fusion gene," <i>Br. J. Cancer</i> , 67:504-507 (1993). | | | |
| | EB | Jan et al., "Receptor-regulated ion channels," <i>Curr. Opin. Cell Biology</i> , 9:155-160 (1997). | | | |
| | EC | Jones et al., "Mutation in codon 713 of the β amyloid precursor protein gene presenting with schizophrenia," <i>Nature Genetics</i> , 1:306-309 (1992). | | | |
| | ED | Kammesheidt et al., "Deposition of β A4 immunoreactivity and neural pathology in transgenic mice expressing the carboxyl-terminal fragment of the alzheimer Amyloid precursor in the brain," <i>PNAS</i> , 89:10857-10861 (1992). | | | |
| | EE | Kang et al., "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor" <i>Nature</i> , 325:733-736 (1987). | | | |
| <i>de</i> | EF | Keffer et al., "Transgenic mice expressing human tumor necrosis factor: a predictive genetic model of arthritis," <i>EMBO J.</i> , 10(13):4025-4031 (1991). | | | |
| Examiner Signature | <i>Deborah Crouch</i> | | Date Considered | 10/3/05 | |

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| Page | 8 | of | 14 | First Named Inventor | McLoniogue, Lisa C., et. al. |
| | | | | Art Unit | 1632 |
| | | | | Examiner Name | Crouch, D. |
| | | | | Attorney Docket Number | 015270-012100US |

| NON PATENT LITERATURE DOCUMENTS | | | | |
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| <i>de</i> | EG | Kennedy et al., "Familial Alzheimer's disease," <i>Brain</i> , 116:309-324 (1993). | | |
| <i>de</i> | EH | Kennedy et al., "Only Kunitz-inhibitor-containing isoforms of secreted Alzheimer amyloid precursor protein show amyloid immunoreactivity in normal cerebrospinal fluid" <i>Neurodegeneration</i> , 1:59-64 (1992). | | |
| | EI | Kitaguchi et al., "Novel precursor of Alzheimer's disease amyloid protein shows protease inhibitory activity" <i>Nature</i> , 331:530-532 (1988). | | |
| | EJ | Koliatos et al., "Neurotrophic Strategies for Treating Alzheimer's Disease: Lessons from Basic Neurobiology and Animal Models," from <i>Alzheimer's Disease Amyloid Precursor Proteins, Signal Transduction, and Neural Transplantation</i> , vol. 695, pgs. 292-299, by Annals of the New York Academy of Sciences (1993). | | |
| | EK | Konig et al., "Identification and Differential Expression of a Novel Alternative Splice Isoform of the β A4 Amyloid Precursor Protein (APP) mRNA in Leukocytes and Brain Microglial Cells," <i>J. Biol. Chem.</i> , 267(15):10804 (1992). | | |
| | EL | Korf et al., "S-Antigen and Rod-Opsin Immunoreations in Midline Brain Neoplasms of Transgenic Mice: Similarities to Pineal Cell Tumors and Certain Medulloblastomas in Man," <i>J. Neuropath. Exper. Neuropatol.</i> , 49(4):424-437 (1990). | | |
| | EM | Kozak, M., "The Scanning Model for Translation: An Update," <i>J. Cell Biology</i> , 108:229-241 (1989). | | |
| | EN | Kozlowski et al., "the Neurotoxic Carboxy-Terminal Fragment of the Alzheimer Amyloid Precursor Binds Specificity to a Neuronal Cell Surface Molecule: pH Dependence of the Neurotoxicity and the Binding," <i>J. Neuroscience</i> , 12(5):1679-1687 (1992). | | |
| | EO | Lamb et al., "Introduction and expression of the 400 kilobase <i>precursor amyloid protein</i> gene in transgenic mice," <i>Nature Genetics</i> , 5:22-30 (1993). | | |
| | EP | Lannfelt et al., "Low frequency of the APP 670/671 mutation in familial Alzheimer's disease in Sweden," <i>Neuroscience Letters</i> , 153:85-87 (1993). | | |
| | EQ | Lavigne et al., "High Incidence of Lung, Bone, and Lymphoid Tumors in Transgenic Mice Overexpressing Mutant Alleles of the p53 Oncogene," <i>Mol. Cellular Biol.</i> , 9(9):3982-3991 (1989). | | |
| | ER | Levy et al., "Mutation of the Alzheimer's Amyloid Gene in Hereditary Cerebral Hemorrhage, Dutch Type," <i>Science</i> , 248:1124-1126 (1990). | | |
| <i>de</i> | ES | Lieberburg et al., "Expression of Human Alzheimer's Amyloid Precursor Protein In Transgenic Mice," <i>Soc. Neuroscience Abstracts</i> , vol. 19, abstract 421.15 (1993). | | |

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| | | | | Art Unit | 1632 |
| | | | | Examiner Name | Crouch, D. |
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| dc | ET | Luo et al., "Human Amyloid Precursor Protein Behavior Deficit of Flies Deleted for Appi Gene," <u>Neuron</u> , 9:595-605 (1992). | | |
| | EU | Marx, J., "Alzheimer's Research Moves to Mice," <u>Science</u> , 253:266-267 (1991). | | |
| | EV | Marx, J., "Major Setback for Alzheimer's Models," <u>Science</u> , 255:1200-1202 (1992). | | |
| | EW | Marx, J., "New Lead to an Alzheimer's Mouse?," <u>Science</u> , 261:1520 (1993). | | |
| | EX | MERLINO, Glenn T., "Transgenic Animals in Biomedical Research," <u>Faseb J</u> , 5:2996-3001. | | |
| | EY | Miller et al., "Alzheimer's disease: transgenic models to test new chemicals and pharmaceuticals," <u>Curr. Opin. Biotechnology</u> , 3:683-686 (1992). | | |
| | EZ | Moran et al., "Age-related learning deficits in transgenic mice expressing the 751-amino acid isoform of human β -amyloid precursor protein," <u>PNAS</u> , 92:5341-5345 (1995). | | |
| | FA | Mullan et al., "A pathogenic mutation for probable Alzheimer's disease in the APP gene at the N-terminus of β -amyloid" <u>Nature Genetics</u> , 1:345-347 (01992). | | |
| | FB | Mullan et al., Genetic and molecular advances in Alzheimer's disease," <u>TINS</u> , 16(10):398-403 (1993). | | |
| | FC | Mullan, M., "Familial Alzheimer's disease: second gene locus located," <u>BMJ</u> , 305:1108-1109 (1992). | | |
| | FD | Mullins et al., "Fulminant hypertension in transgenic rats harbouring the mouse <i>Ren-2</i> gene," <u>Nature</u> , 344:541-544 (1990). | | |
| | FE | Murrell et al., "A mutation in the amyloid precursor protein associated with hereditary Alzheimer's disease" <u>Science</u> , 254:97-99 (1991). | | |
| | FF | NARISAWA et al., "Transgenic Mice Expressing the Tumor Marker Germ Cell Alkaline Phosdphatase: An In Vivo Tumor Model for Human Cancer Antigens," <u>PNAS</u> , 90:5081-5085 (1993). | | |
| dc | FG | Neve et al., "Brain transplants of cells expressing the carboxyl-terminal fragment of the Alzheimer amyloid protein precursor cause specific neuropathology <i>in vivo</i> ," <u>PNAS</u> , 89:3448-3452 (1992). | | |

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| <i>dc</i> | FH | Nussbaum et al., "Alzheimer's Disease and Amyloid Protein – in (Transgenic) Mice and Men," <i>Harefuah</i> , 123(9):362-364, document in Hebrew (1992). | | | T ² |
| | FI | Oltersdorf et al., "The Alzheimer's amyloid precursor protein: Identification of a stable intermediate in the biosynthetic/degradative pathway" <i>J. Biol. Chem.</i> , 265:4492-4497 (1990). | | | |
| | FJ | Oltersdorf et al., "The secreted form of the Alzheimer's amyloid precursor protein with the Kunitz domain is protease nexin-II" <i>Nature</i> , 341:144-147 (1989). | | | |
| | FK | Order Denying Mayo's Ex Parte Motion to Stay Deadline for Motion for Attorney's Fees, US District Court for the Northern District of California, Case No. C99-04464 WHA. | | | |
| | FL | Order Granting Defendant's Motion for Summary Judgment of Anticipation, US District Court for the Northern District of California, Case No. C99-04464 WHA. | | | |
| | FM | Palmiter et al., "Soluble derivatives of the β amyloid protein precursor of Alzheimer's disease are labeled by antisera to the β amyloid protein" <i>Biochem. Biophys. Res. Comm.</i> , 165:182-188 (1989). | | | |
| | FN | Palmiter et al., "The β -amyloid protein precursor of Alzheimer's disease has soluble derivatives found in human brain and cerebrospinal fluid" <i>Proc. Natl. Acad. Sci., USA</i> 86:6338-6342 (1989). | | | |
| | FO | Palmiter et al., "Dramatic growth of mice that develop from eggs microinjected with metallathionein-growth hormone fusion genes," <i>Nature</i> , 300:611-615 (1982). | | | |
| | FP | Palvin, R., "Brain Amyloid in Alzheimer's Disease – A New Experimental Model," <i>Neurologia Croatica</i> , 41(4):227-234 (1992). | | | |
| | FQ | Pearson et al., "Expression of the human β -amyloid precursor protein gene from a yeast artificial chromosome in transgenic mice," <i>PNAS</i> , 90:10578-10582 (1993). | | | |
| | FR | Perraud et al., "The promoter of the human cystic fibrosis transmembrane conductance regulator gene directing SV-40 T antigen expression induces malignant proliferation of ependymal cells in transgenic mice," <i>Oncogene</i> , 7:993-997 (1992). | | | |
| | FS | Ponte et al., "A new A4 amyloid mRNA contains a domain homologous to serine proteinase inhibitors" <i>Nature</i> , 331:525-527 (1988). | | | |
| | FT | Price et al., "Alzheimer's Disease-Type Brain Abnormalities in Animal Models," <i>Down Syndrome and Alzheimer Disease</i> , pgs. 271-287, Wiley-Liss, Inc., (1992). | | | |
| <i>dc</i> | FU | Pullian et al., "Use of aggregating brain cultures to study the replication of herpes simplex virus types 1 and 2 in central nervous system tissue" <i>J. Virol. Meth.</i> , 9:301-316 (1984). | | | |

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| <i>de</i> | FV | Quon et al., "Formation of β -amyloid deposits in brains of transgenic mice" <i>Nature</i> , 352:239-241 (1991). | | | |
| | FW | Quon et al., "Formation of β -amyloid protein deposits in brains of transgenic mice," <i>Nature</i> , 352:239-241 (1991). | | | |
| | FX | Roakis et al., "An alternative secretase cleavage produces soluble Alzheimer amyloid precursor protein containing a potentially amyloidogenic sequence" <i>Soc. Neurosci.</i> , Abstract No. 15.5 (Oct. 26, 1993) Anaheim, CA. | | | |
| | FY | Robakis et al., "Molecular cloning and characterization of a cDNA encoding the cerebrovascular and the neuritic plaque amyloid peptides," <i>PNAS</i> , 84:4190-4194 (1987). | | | |
| | FZ | Roche et al., "Biologically Active Domain of the Secreted Form of the Amyloid β /A4 Protein Precursor," from <i>Alzheimer's Disease Amyloid Precursor Proteins, signal Transduction, and Neuronal Transplantation</i> , Annals of the New York Academy of Sciences, vol. 695, pgs. 149-157 (1993). | | | |
| | GA | Ryan et al., "Human Sickle Hemoglobin in Transgenic Mice," <i>Science</i> , 247:566-568 (1990). | | | |
| | GB | Sahasrabudhe et al., "Release of Amino-terminal Fragments from Amyloid Precursor Protein Reporter and Mutated Derivatives in Cultured Cells," <i>J. Biol. Chemistry</i> , 267(15):25602-25608 (1992). | | | |
| | GC | Sandhu et al., "Expression of the Human β -Amyloid Protein of Alzheimer's Disease Specifically in the Brains of Transgenic Mice," <i>J. Biol. Chemistry</i> , 266(32):21331-21334 (1991). | | | |
| | GD | Sarvetnick et al., "Insulin-Dependant diabetes Mellitus Induced in Transgenic Mice by Ectopic Expression of Class II MHC and Interferon-Gamma," <i>Cell</i> , 52:773-782 (1988). | | | |
| | GE | Savage et al., "Human Amyloid Precursor Protein Expression in Transgenic Mice as a Model of Alzheimer's Disease: Search for pathology," abstract 421.14, <i>Society for Neuroscience Abstracts</i> , 19:1035 (1993). | | | |
| | GF | Scott et al., "Inability to Detect β -Amyloid Protein Precursor mRNA in Alzheimer Plaque-Associated Microglia," <i>Experimental Neurology</i> , 121:113-118 (1993). | | | |
| | GG | Scott et al., "The Processing of Native and Mutant APP751 in Human 293 Cells," <i>Neurobiology of Aging</i> , 13(supp. 1):578-579, abstract 310 (1992). | | | |
| <i>de</i> | GH | Scott et al., "Transgenic Mice Expressing Hamster Prion Protein Produce Species-Specific Scrapie Infectivity and Amyloid Plaques," <i>Cell</i> , 59:847-857 (1989). | | | |

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|---------------------|-----------------------|---|----------------|
| <i>de</i> | GI | Selkoe et al., "Physiological production of the β -amyloid protein and the mechanisms of Alzheimer's disease" <i>Trends Neurosci.</i> , 16 (10):403-409 (Oct. 1993). | |
| | GJ | Selkoe et al., "Physiological production of the β -amyloid protein and the mechanism of Alzheimer's disease," <i>Trends in Neuroscience</i> , 16(10):403-409 (1993). | |
| | GK | Selkoe et al., " β -amyloid precursor protein of Alzheimer disease occurs as 110- to 135-kilodalton membrane-associated proteins in neural and nonneuronal tissue" <i>Proc. Natl. Acad. Sci., USA</i> 85:7341-7345 (1988). | |
| | GL | Seubert et al., "Isolation and quantification of soluble Alzheimer's β -peptide from biological fluids" <i>Nature</i> , 359:325-327 (1992). | |
| | GM | Seubert et al., "Secretion of β -amyloid precursor protein cleaved at the amino terminus of the β amyloid peptide" <i>Nature</i> , 361:260-263 (1993). | |
| | GN | Siman et al., "Processing of the β -Amyloid Precursor Multiple Proteases Generate and Degrade Potentially Amyloidogenic Fragments," <i>J. Biol. Chemistry</i> , 268(22):16602-16609 (1993). | |
| | GO | Sisodia, S.S., " β -Amyloid precursor protein cleavage by a membrane-bound protease," <i>PNAS</i> , 6075-6079 (1992). | |
| | GP | Society for Neuroscience, Abstracts, Volume 19, Part 2, 23 rd Annual Meeting, Washington, DC, November 7-12, 1993. | |
| | GQ | Society for Neuroscience Abstracts, Volume 18, Part 2, 22 nd Annual Meeting, Anaheim, California, October 25-30, 1992 | |
| | GR | Sofroniew et al., "Transgenic modelling of neurodegenerative events gathers momentum," <i>TINS</i> , 14(12):513 (1991). | |
| | GS | Stacey et al., "Perinatal lethal osteogenesis imperfecta in transgenic mice bearing an engineered mutation pro- α 1(I) collagen gene," <i>Nature</i> , 332:131-136 (1988). | |
| | GT | Stout et al., "Expression of human HPRT in the central nervous system of transgenic mice," <i>Nature</i> , 317:250 (1985). | |
| | GU | Supplement 1 to Volume 15 of Journal "Neurobiology of Aging", Research on Age-Related Phenomena, Neurodegeneration and Neuropathology, Abstract 49. | |
| <i>de</i> | GV | Tanzi et al., "Amyloid β Protein Gene:cDNA, mRNA Distribution, and Genetic Linkage Near the Alzheimer Locus," <i>Science</i> , 235:880-884 (1987). | |

Examiner
Signature*Deborah Crouch*Date
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| <i>dc</i> | GW | Tanzi et al., "Protease inhibitor domain encoded by an amyloid protein precursor mRNA associated with Alzheimer's disease," <i>Nature</i> , 331:528-530 (1998). | | | |
| | GX | Tomita et al., "The presenilin 2 mutation (N141I) linked to familial Alzheimer disease (Volga German families) increases the secretion of amyloid β protein ending at the 42nd (or 43rd) residue," <i>PNAS</i> , 94:2025-2030 (1997). | | | |
| | GY | Travis, J., "New Piece in Alzheimer's Puzzle," <i>Science</i> , 261:828-829 (1993). | | | |
| | GZ | Travis, J., "New Piece in Alzheimer's Puzzle," <i>Science</i> , 261:828-829 (1993). | | | |
| | HA | Usami et al., "The Triplet of Lysine Residues (Lys724-Lys725-Lys726) of Alzheimer's Amyloid Precursor protein Plays an Important Role in membrane Anchoage and Processing," <i>J. Neurochem.</i> , 61(1):239-246 (1993). | | | |
| | HB | Van Duijn et al., "Genetic transmission of Alzheimer's disease among families in a Dutch population based study," <i>J. Med. Genet.</i> , 30:640-646 (1993). | | | |
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| | HE | Wells et al., "Human dystrophin expression corrects the myopathic phenotype in transgenic mdx mice," <i>Human Molecular Genetics</i> , 1(1):35-40 (1992). | | | |
| | HF | Westphal, H., "Mouse models of human disease," <i>Curr Opin. Biotech.</i> , 2:830-833 (1991). | | | |
| | HG | Wiedlocha et al., "Dual Mode of signal Transduction by Externally Added Acidic Fibroblast Growth Factor," <i>Cell</i> , 76:1039-1051 (1994). | | | |
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|--------------------|-----------------------|-----------------|----------------|
| Examiner Signature | <i>Deborah Crouch</i> | Date Considered | <i>10/3/05</i> |
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| Application Number | Unassigned |
| Filing Date | Herewith |
| First Named Inventor | McLonlogue, Lisa C., et. al. |
| Art Unit | 1632 |
| Examiner Name | Crouch, D. |
| Attorney Docket Number | 015270-012100US |

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|---------------------|-----------------------|---|----------------|
| dc | HJ | Wirak et al., "Regulatory region of human amyloid precursor protein (APP) gene promotes neuron-specific gene expression in the CNS of transgenic mice," <u>EMBO</u> , 10(2):289-296 (1991). | |
| dc | HK | Yamaguchi, "Transgenic mice for the amyloid precursor protein 695 isoform have impaired spatial memory," <u>NeuroReport</u> , 2(12):781-784 (1991). | |
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